



## 4000 LB. CAPACITY CABLE WINCH PULLER

**Model 30329**

### OPERATING INSTRUCTIONS FOR SINGLE OR DOUBLE LINE APPLICATIONS



Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.  
Failure to do so can result in serious injury.  
SAVE THIS MANUAL.**

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**For technical questions or replacement parts, please call 1-800-444-3353.**

Manual Revised 08j, 09i

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## IMPORTANT SAFETY INFORMATION

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In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

### **DANGER**

**DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### **WARNING**

**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

### **CAUTION**

**CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### **NOTICE**

**NOTICE** is used to address practices not related to personal injury.

### **CAUTION**

**CAUTION**, without the safety alert symbol, is used to address practices not related to personal injury.

### **WARNING**

**Read all instructions.**

**Failure to follow all instructions listed below may result in fire, serious injury and/or DEATH.**

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

## **SPECIFICATIONS**

Cable	10' x 3/16" Aircraft Test
Hook Opening	7/16"
Capacity	4000 lb. (2 Tons)

### **Save This Manual**

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Write the product's serial number in the back of the manual near the assembly diagram, or write month and year of purchase if product has no serial number. Keep this manual and invoice in a safe and dry place for future reference.

## **GENERAL SAFETY RULES**



**WARNING** Read all safety warnings and instructions.

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

### **WORK AREA**

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Keep bystanders, children, and visitors away.** Distractions can cause you to lose control.

## **PERSONAL SAFETY**

1. **Stay alert. Watch what you are doing, and use common sense when operating. Do not use while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating may result in serious personal injury.
2. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
3. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control.
4. **Use safety equipment. Always wear eye protection.** Nonskid safety shoes and a hard hat must be used for appropriate conditions. Always wear ANSI-approved safety goggles and work gloves when using or performing maintenance on this tool.

## **TOOL USE AND CARE**

1. **Do not force the tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed. Do not force the tool and do not use the tool for a purpose for which it is not intended.
2. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users. Never allow Children to come in contact with this product.

3. **Maintain tools with care.** Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
4. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
4. **Before each use:**  
**Inspect all hardware making sure it is installed correctly.**
5. **Inspect the Cable regularly.** Check for fraying, kinks, broken strands, or distortion. If they appear, the Cable should be replaced immediately .
6. **When this tool is being used to pull an object, make sure the Stop Pawl Spring is engaged.**

### **SERVICE**

1. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
2. **When servicing a tool, use only identical replacement parts.** Use of unauthorized parts or failure to follow maintenance instructions may create a risk or injury.
7. **Do not pull Cable over or around a corner.** Do not wrap Cable around any object and hook it back on itself.
8. **Know how much load you are pulling. DO NOT OVERLOAD.**
9. **Never use a "cheater" pipe or other device to lengthen the handle for additional leverage.** This will cause it to bend or break thereby destroying the tool.

### **SPECIFIC SAFETY RULES**

1. **Maintain labels and nameplates on the tool.** These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
2. **This Puller is not for aircraft purposes or for linking towed vehicles.**
3. **THIS PULLER IS NOT FOR OVERHEAD PULLING OR LIFTING.** This tool is not to be used for lifting people or animals. Not to be used for climbing purposes.
10. **DO NOT operate this tool with less than 5 wraps of Cable on the Drum.**
11. **Always use an adequate sling, eye-bolt or other accessories attached to the load to be pulled.** Always make sure that there is a positive engagement of the puller hook to the load.
12. **Keep fingers and hands clear of the ratchet and cable at all time.**

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## UNPACKING

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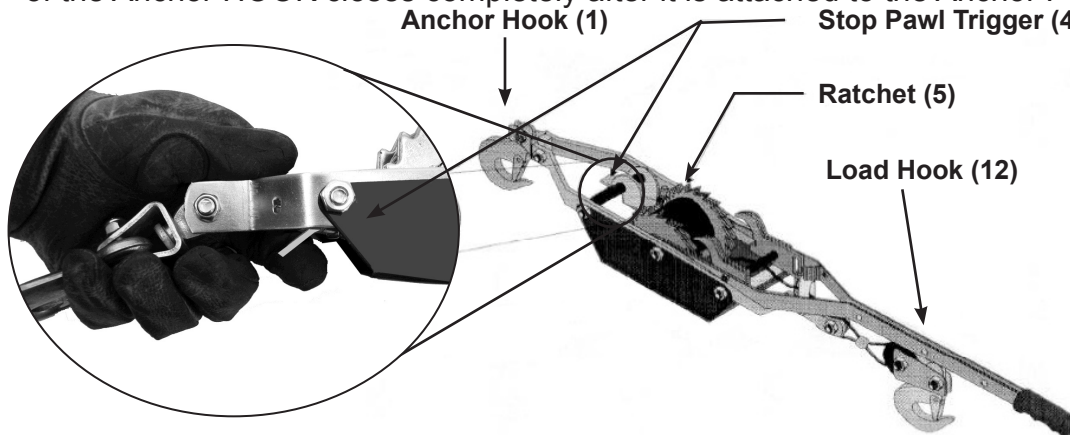
When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

## OPERATION

Your Cable Winch Puller is designed to be used for dead loads **ONLY**. Do not use your Cable Puller for any type of lifting operation.

1. Inspect the CABLE (9) along its full length for any frays, kinks or damage.
2. Identify the Anchor Point and Load that you will connect your Cable Puller to. Make sure the Anchor Point and Load are within approximately 5' of each other.
  - Do not wrap CABLE around the Anchor Point and hook it back on itself.
  - Do not operate with CABLE completely unwrapped from the RATCHET (5). The RATCHET must have at least 5 full turns of CABLE around Drum at all times.

3. Connect the Anchor HOOK (1) to the Anchor Point. Make sure the Safety Latch of the Anchor HOOK closes completely after it is attached to the Anchor Point.



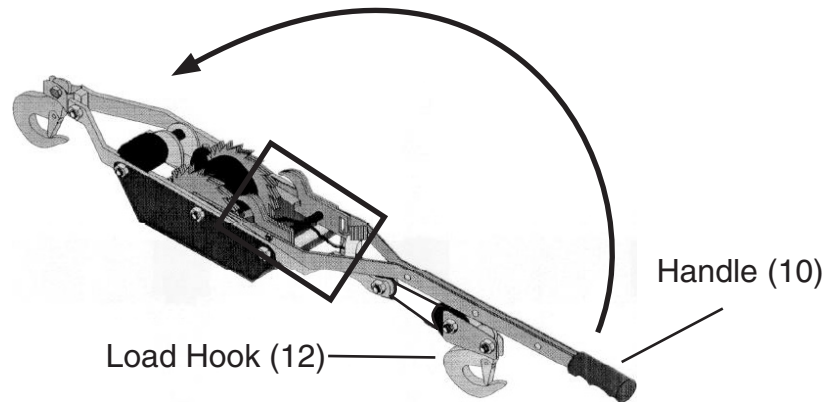
**Figure 1 - Releasing the Stop Pawl**

4. Squeeze the STOP PAWL TRIGGER (4) as shown in Figure 1 above. This will allow you to pull the cable out to reach the load. Release the STOP PAWL.
5. Connect the LOAD HOOK (12) to the load you will be pulling. Read the following before proceeding to step 6:

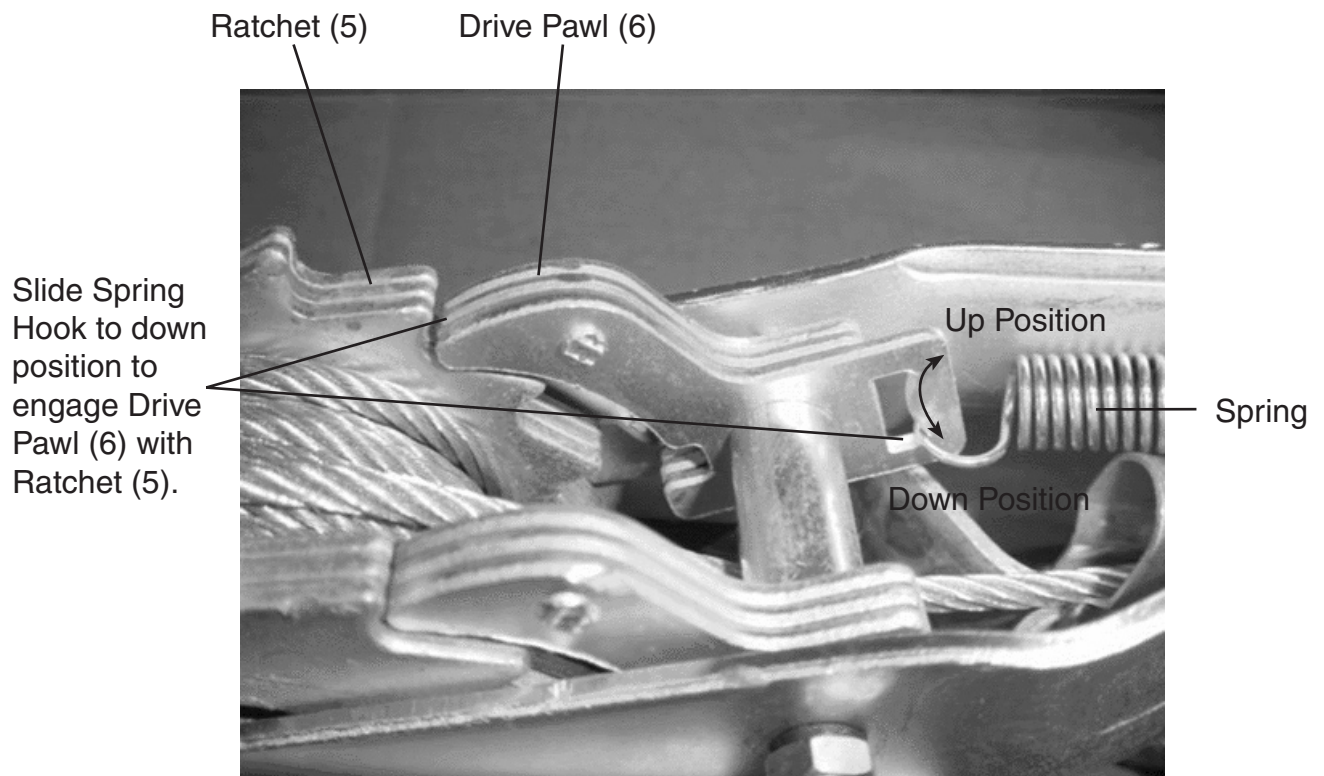
### **SAFETY PRECAUTIONS AND WARNINGS FOR PULLING**

- Make sure that load is rated within cable puller capacity.
- Make sure Safety Latch on LOAD HOOK closes completely when you attach it to the load.

- Do not pull the CABLE over or around a corner when connected to a load.
  - Do not use an extension, or cheater bar, to lengthen the HANDLE for additional leverage.
6. Swing the HANDLE (10) to the Load Hook Side of the Cable Puller as shown in Figure 2 below.



**Figure 2 - Preparing to Ratchet Load**



**Figure 3 - Engaging the Drive Pawl**



7. To engage the drive, slide the spring hook to the down position and the Drive Pawl (6) will engage the Ratchet (5) as shown in Figure 3. Begin pulling the HANDLE toward the Anchor side of the Cable Puller. This will pull the Load. When loosening the cable, slide the spring to the up position.
8. Swing handle back and forth until the load has been pulled to the desired position.
9. Secure the load so it will not move when you release the tension on the CABLE.
10. To release the CABLE tension, swing the HANDLE (10) to the Load Hook Side as shown in Figure 2. Slide the spring hook to the UP position. Swing the handle to the Anchor Hook side and force the spring loaded STOP PAWL pin down, then slowly raise the handle. This action will allow the cable drum to back off by one cam step. Repeat this action, as needed, until the tension on the cable eases. Now pull on the STOP PAWL TRIGGER to release it from the cam and gently pull back on the tool to get cable slack and free it from the load.
11. To prevent entangling of the wire rope onto the drum, with the Load Hook (12) still attached to the load, push the spring into its "Down" position. Hold the Anchor hook in one hand and while gently pulling against the load, swing the Handle (10) back and forth to rewind the cable. CAUTION: Do not rewind the cable to its end.
12. Store the Cable Puller in a retracted position and in a safe and dry place.

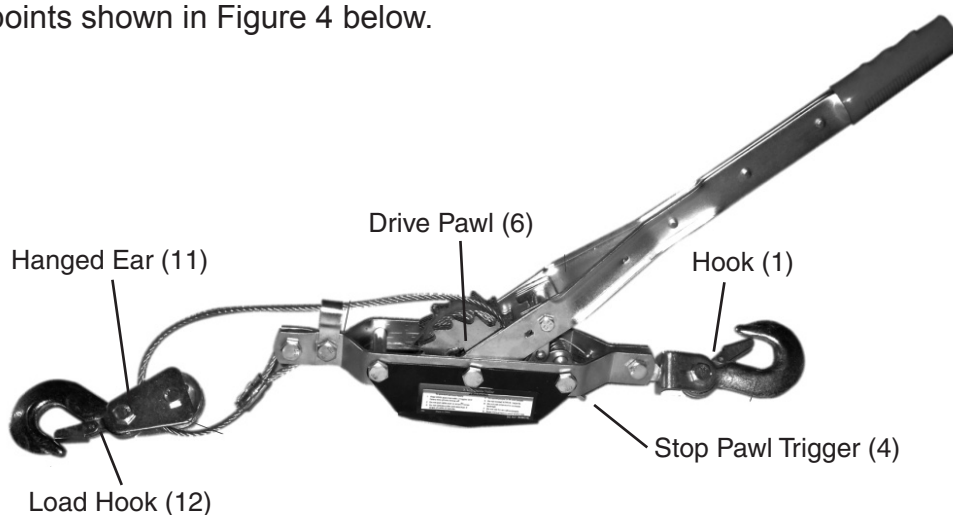
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## MAINTENANCE

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Routinely check the CABLE (9) for frays, kinks or damage. Replace the CABLE before further use. Do not use your Cable Puller if it has a damaged CABLE.

Routinely check the free movement of the STOP PAWL TRIGGER (4), DRIVE PAWL (6), LOAD HOOK (12) and HOOK (1). Lubricate the Cable Puller at the points shown in Figure 4 below.



**Figure 4 - Lubrication Points**

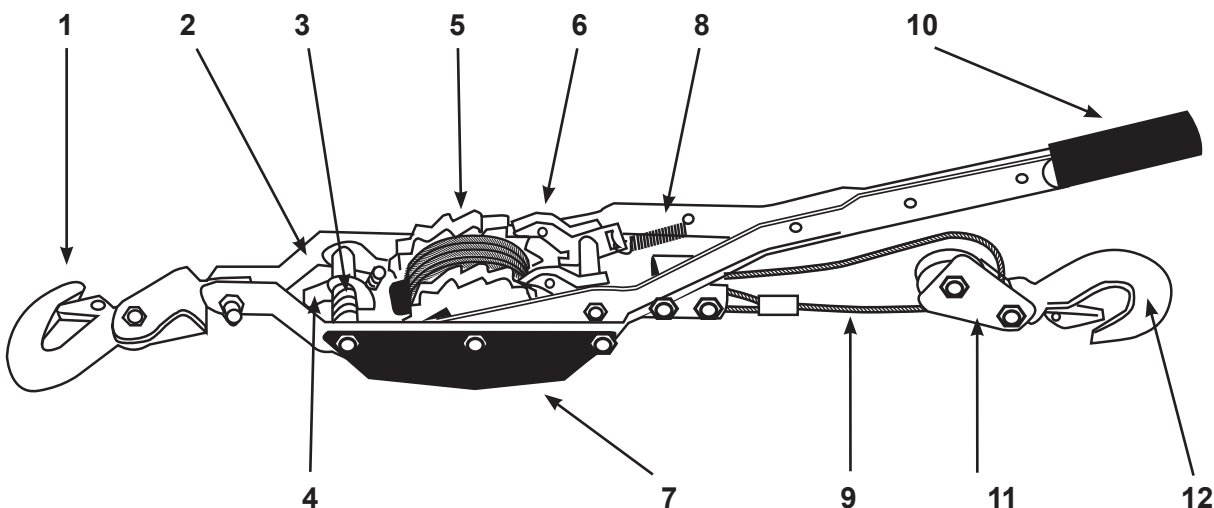
## **PLEASE READ THE FOLLOWING CAREFULLY**

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

## **PARTS LIST AND ASSEMBLY DIAGRAM**

Part	Description
1	Hook
2	Frame
3	Stop Pawl Spring
4	Stop Pawl Trigger
5	Ratchet
6	Drive Pawl

Part	Description
7	Guard
8	Drive Pawl Spring
9	Cable
10	Handle
11	Hanged Ear
12	Load Hook





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## LIMITED 90 DAY WARRANTY

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Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**3491 Mission Oaks Blvd. • PO Box 6009 • Camarillo, CA 93011 • (800) 444-3353**

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.